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APPLICATION NUMBER FILING OR 371 (c) DATE FIRST NAMED APPLICANT ATTORNEY DOCKET NUMBER

10/609,382 07/01/2003 Franklin F.K. Tong

20229.0004

CONFIRMATION NO. 1167

23517 SWIDLER BERLIN SHEREFF FRIEDMAN, LLP 3000 K STREET, NW BOX IP WASHINGTON, DC 20007 FORMALITIES LETTER

OC00000010915273

Date Mailed: 09/25/2003

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.

 A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

• \$65 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART 3 - OFFICE COPY

H. NGVIEN

Effective OCTOBER 1, 2003, Patent Fees will be adjusted. Please note that fee amounts required by the enclosed Notice might reflect the fees due on the date of filing. Any fee paid on or after OCTOBER 1, 2003 is subject to the new FY 2004 fee schedule and must be paid in the new amount.

EXAMPLES OF FEES BEING ADJUSTED See www.uspto.gov for complete FY 2003 and FY-2004 Fee Schedules

* Indicates fees remain at FY 2003

Basic filing fee - Utility\$750\$770Basic filing fee - Utility (Small Entity)\$375\$385Independent claims in excess of three\$84\$86Independent claims in excess of three (Small Entity)\$42\$43Claims in excess of twenty\$18\$18*Claims in excess of twenty (Small Entity)\$9\$9*Multiple dependent claim\$280\$290Multiple dependent claim (Small Entity)\$140\$145Surcharge - Late filing fee\$130\$130	,		amount
Basic filling fee - Utility (Small Entity)	DESCRIPTION	FY 2003	FY 2004
Independent claims in excess of three \$84 \$86 Independent claims in excess of three (Small Entity) \$42 \$43	Basic filing fee - Utility	\$750	\$770
Independent claims in excess of three \$84 \$86 Independent claims in excess of three (Small Entity) \$42 \$43	Basic filing fee - Utility (Small Entity)	\$375	\$385
Claims in excess of twenty (Small Entity) \$9 \$9* Multiple dependent claim \$280 \$290 Multiple dependent claim (Small Entity) \$140 \$145 Surcharge - Late filling fee \$130 \$130 Surcharge - Late filling fee (Small Entity) \$65 \$65 Design filling fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$266 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160^* Provisional application filing fee (Small Entity) \$8 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 <td>Independent claims in excess of three</td> <td>\$84</td> <td>\$86</td>	Independent claims in excess of three	\$84	\$86
Claims in excess of twenty (Small Entity) \$9 \$9* Multiple dependent claim \$280 \$290 Multiple dependent claim (Small Entity) \$140 \$145 Surcharge - Late filing fee \$130 \$130 Surcharge - Late filing fee (Small Entity) \$65 \$65 Design filing fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130	Independent claims in excess of three (Small Entity)	\$42	\$43
Claims in excess of twenty (Small Entity)	Claims in excess of twenty	\$18	\$18*
Multiple dependent claim (Small Entity) \$140 \$145 Surcharge - Late filing fee \$130 \$130 Surcharge - Late filing fee (Small Entity) \$65 \$65 Design filing fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - Second month (Small Entity) \$25 \$25* Extension - Third month (Small Entity)		\$9	\$9*
Surcharge - Late filing fee \$130 \$130 Surcharge - Late filing fee (Small Entity) \$65 \$65 Design filing fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Fourth month (Small Entity) \$465	Multiple dependent claim	\$280	\$290
Surcharge - Late filing fee \$130 \$130 Surcharge - Late filing fee (Small Entity) \$65 \$65 Design filing fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Fourth month (Small Entity) \$465	Multiple dependent claim (Small Entity)	\$140	\$145
Surcharge - Late filing fee (Small Entity) \$65 \$65 Design filing fee \$330 \$340 Design filing fee (Small Entity) \$165 \$170 Plant filing fee \$520 \$530 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee (Small Entity) \$260 \$770 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee (Small Entity) \$80 \$80* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month (Small Entity) \$55 \$55* Extension - Second month (Small Entity) \$205 \$210 Extension - Second month (Small Entity) \$465 \$475 Extension - Third month (Small Entity) \$725 \$740 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Firth month (Small Entity) \$725 \$740 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Surcharge - Late filing fee	\$130	\$130
Design filing fee (Small Entity)	Surcharge - Late filing fee (Small Entity)	\$65	\$65
Plant filing fee \$520 \$530 Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee \$750 \$770 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Third month \$930 \$950 Extension - Fourth month (Small Entity) \$465 \$475 Extension - Fourth month (Small Entity) \$725 \$740 <td>Design filing fee</td> <td>\$330</td> <td>\$340</td>	Design filing fee	\$330	\$340
Plant filing fee (Small Entity) \$260 \$265 Reissue filing fee \$750 \$770 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$40 \$420 Extension - Third month (Small Entity) \$205 \$210 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,45	Design filing fee (Small Entity)	\$165	\$170
Reissue filing fee \$750 \$770 Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month (Small Entity) \$205 \$210 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Plant filing fee	\$520	\$530
Reissue filing fee (Small Entity) \$375 \$385 Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$1,450 \$1,480 Extension - Fourth month \$1,450 \$1,480 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985	Plant filing fee (Small Entity)	\$260	\$265
Reissue independent claims \$84 \$86 Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity)	Reissue filing fee	\$750	\$770
Reissue independent claims (Small Entity) \$42 \$43 Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee \$160 \$160* Provisional application filing fee \$50 \$50* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130	Reissue filing fee (Small Entity)	\$375	\$385
Reissue claims in excess of twenty \$18 \$18* Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130*		\$84	\$86
Reissue claims in excess of twenty (Small Entity) \$9 \$9* Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Reissue independent claims (Small Entity)	\$42	\$43
Provisional application filing fee \$160 \$160* Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*			\$18*
Provisional application filing fee (Small Entity) \$80 \$80* Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month (Small Entity) \$985 \$1,005 Extension - Fifth month (Small Entity) \$985 \$1,005 Extension - Fifth month (Small Entity) \$985 \$1,005	Reissue claims in excess of twenty (Small Entity)	\$9	\$9*
Surcharge - Late provisional filing fee \$50 \$50* Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month (Small Entity) \$985 \$1,005 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*			\$160*
Surcharge - Late provisional filing fee (Small Entity) \$25 \$25* Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Provisional application filing fee (Small Entity)	\$80	\$80*
Non-English Specification \$130 \$130* Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*		\$50	\$50*
Extension - First month \$110 \$110* Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Surcharge - Late provisional filing fee (Small Entity)	\$25	\$25*
Extension - First month (Small Entity) \$55 \$55* Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Non-English Specification	\$130	\$130*
Extension - Second month \$410 \$420 Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*		\$110	\$110*
Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Extension - First month (Small Entity)	\$55	\$55*
Extension - Second month (Small Entity) \$205 \$210 Extension - Third month \$930 \$950 Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Extension - Second month	\$410	\$420
Extension - Third month (Small Entity) \$465 \$475 Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Extension - Second month (Small Entity)	\$205	\$210
Extension - Fourth month \$1,450 \$1,480 Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*		\$930	\$950
Extension - Fourth month (Small Entity) \$725 \$740 Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130	Extension - Third month (Small Entity)	\$465	\$475
Extension - Fifth month \$1,970 \$2,010 Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130 \$130*	Extension - Fourth month	\$1,450	\$1,480
Extension - Fifth month (Small Entity) \$985 \$1,005 Petition \$130	Extension - Fourth month (Small Entity)	\$725	\$740
Petition \$130 \$130*	Extension - Fifth month	\$1,970	\$2,010
Petition \$130 \$130*	Extension - Fifth month (Small Entity)	\$985	\$1,005
Processing returned checks \$50 \$50*		\$130	
	Processing returned checks	\$50	\$50*

For further fee information, please call (703-308-HELP)